

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Akiyoshi KABE

Appln. No. NOT YET ASSIGNED

Group Art Unit: NOT YET ASSIGNED

Confirmation No.: NOT YET ASSIGNED

Examiner: NOT YET ASSIGNED

Filed: September 10, 2001

For: PROGRAMMING DEVICE AND PROGRAMMING METHOD

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Japanese Patent Unexamined Publication No. 200-163107 disclosed a memory 12 provided with a shared information collection table 21 for registering a programmable controller specific name for registering information for specifying a programmable controller to which a device is belonging and a device name being an interlock condition.

INFORMATION DISCLOSURE STATEMENT
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Then, a trigger program including an outside contact and a shared information contact is automatically added to the sequence program of the programmable controller based on the data registered in the shared information collection table 21, and the shared information contact of the trigger program is automatically added to the sequence program of the programmable controller to be inter-PC interlocked as an inter-PC interlock contact so that program preparation processing can be attained.

Japanese Patent Unexamined Publication No. Hei. 10-23047 disclosed that an inter-node network is configured, such that a plurality of nodes #1-#3 are connected via a transmission line L, and data sent from an optional node to the transmission line L are received by other nodes. Each of the nodes #1-#3 is controlled, so that each node repeatedly sends the data of a kind corresponding to a transmission period decided in setting the data for each kind of data to be sent to the transmission line L.

Japanese Patent Unexamined Publication No. 10-283241 discloses a shared file 1 that is provided with information that is shared among clients 2 and 2A to 2C and is the data maintenance object in a shared directory, and clients are provided with intra-directory file change monitor thread functions 4 and 4A to 4C, which are run in parallel with client processes, and each client senses the data change of the shared file due to another client by the change monitor thread and receives a file change report.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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